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controlling predetermined processing carried out on said main information signal
on the basis of said unencrypted information on said copyright protection, decrypted information
on said copyright protection and said copy control information.--

REMARKS

It is submitted that these claims, as originally presented, are patentably distinct over the prior art cited by the Examiner, and that these claims were in full compliance with the requirements of 35 U.S.C. §112. Changes to these claims, as presented herein, are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103 or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

Claims 4, 5, 14, 15, 21-24, 35, 36, 45, 46 and 52-55 and amended claims 1-3, 13, 20, 32-34, 44 and 51 are in this application.

At paragraph 1 of the outstanding Office Action of September 27, 2002, the Examiner objected to claims 1-5 and 32-36 because of informalities. In explaining this objection, the Examiner stated that claim 1 at line 13, should have either a 'the' or a 'said' inserted before 'copyright'. Also, the Examiner stated that claim 32 at line 11, should have either a 'the' or a 'said' inserted before 'copy'. These claims, as well as claims 2, 3, 33 and 34 which depend from one of claims 1 and 32, have been amended herein to correct the informalities. Applicants therefore, request that the objection to the informalities of the claims be withdrawn.

At paragraph 3 of the outstanding Office Action of September 27, 2002, the Examiner rejected claims 4, 5, 23, 24, 35, 36, 54 and 55 under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the art that the inventor(s), at the time the application was filed, had possession of the claimed invention. Independent claims 1, 20, 32 and 51 have been amended herein to remove the material the Examiner stated was not found in the specification. Applicants therefore, request that the first paragraph 112 rejection be withdrawn.

At paragraph 5 of the outstanding Office Action of September 27, 2002, the Examiner rejected claims 1-5, 13-15 and 44-46 under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicants regard as the invention. In explaining this rejection, the Examiner stated that claim 1 at lines 13 and 22, claim 13 at line 11, and claim 44 at line 6 do not have proper antecedent basis. Specifically, the phrase "said unencrypted information" did not have proper antecedent basis. Claims 1, 13 and 44 have been amended herein to correct for proper antecedents. Applicants therefore, request that the second paragraph 112 rejection be withdrawn.

At paragraph 7 of the outstanding Office Action of September 27, 2002, the Examiner rejected claims 1-5, 13-15, 20-24, 32-36, 44-46 and 51-55 under 35 U.S.C. 103(a) as being unpatentable over JP 10-65662 in view of Schneck et al. (U.S. Patent No. 6,314,409 B2) and Ryan et al. (U.S. Patent No. 6,374,036 B1). Applicants therefore, respectfully traverse the rejection.

In explaining the above 103(a) rejection, the Examiner acknowledged that JP 10-65662 does not teach (a) "output means for supplying the information on copyright protection encrypted by the encryption means and the unencrypted information on copyright protection" or

(b) “a watermark detecting means”. In an attempt to overcome this deficiency, the Examiner relied on Schneck and Ryan to teach such features.

The Examiner relied on column 7, lines 22-50, column 10, lines 47-65, column 13, lines 58-62 and column 23, lines 25-27 of Schneck to teach feature (a). It is respectfully submitted that the portions of Schneck relied upon by the Examiner do not specifically disclose the above-mentioned feature. Schneck discloses an encrypted body part and an unencrypted body part of various packaged data and not of the same copyright protection information. This copyright information is provided in encrypted format if provided with the packaged data and in unencrypted format if provided separately. However, both forms of the copyright information are not provided together. Independent claim 13 discloses that the same copyright protection information is supplied with the data in two states, one is the encrypted state and the other is the unencrypted state.

The Examiner stated that Ryan discloses watermark-detecting means to teach feature (b). Independent claims 1, 13, 20, 32, 44 and 51 have been amended herein by removing watermark-detecting means.

Therefore, independent claims 1, 13, 20, 32, 44 and 51 as amended herein, are believed to be distinguishable from JP 10-65662 in view of Schneck and Ryan.

Claims 2-4, 14, 15, 21-24, 33-36, 45, 46 and 52-55 are dependent from one of the amended independent claims, and due to such dependency, are believed to be distinguishable from JP 10-65662 in view of Schneck and Ryan for at least the reasons previously described.

Applicants therefore, respectfully request the rejection of claims 1-5, 13-15, 20-24, 32-36, 44-46 and 51-55 under 35 U.S.C. 103(a) be withdrawn.

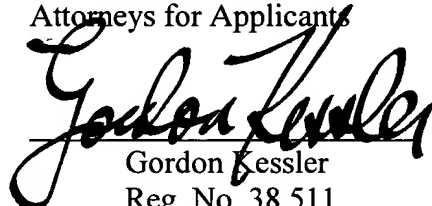
Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned **“Version with markings to show changes made.”**

It is to be appreciated that the foregoing comments concerning the disclosures in the cited prior art represent the present opinions of the applicants’ undersigned attorney and, in the event, that the Examiner disagrees with any such opinions, it is requested that the Examiner indicate where in the reference or references, there is the bases for a contrary view.

Please charge any fees incurred by reason of this response to Deposit Account No. 50-0320.

Respectfully submitted,
FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicants

By:


Gordon Kessler
Reg. No. 38,511
(212) 588-0800

“VERSION WITH MARKINGS TO SHOW CHANGES MADE.”

IN THE CLAIMS

Please amend claims 1-3, 13, 20, 32-34, 44 and 51 to the following.

--1. (Twice Amended) An information-signal playback system comprising an information-signal reading apparatus for reading out a main information signal and information on copyright protection from a recording medium containing said main information signal and information on at least copyright protection, and an information-signal processing apparatus for receiving said main information signal and said information on said copyright protection received from said information-signal reading apparatus, [wherein] said information-signal reading apparatus [has] comprising:

[a] readout means for reading out said information on said copyright protection from said recording medium;

[an] encryption means for encrypting said information on said copyright protection read out by said readout means; and

[an] output means for supplying, to said information-signal processing apparatus, said information on said copyright protection as encrypted by said encryption means, [and said unencrypted] same information on said copyright protection in an unencrypted form as received from said information-signal reading apparatus, and said main information signal on which said copy control information is embodied [to said information-signal processing apparatus]; and

said information-signal processing apparatus [has] comprising:

[a watermark detecting means for detecting the copy control information from

said main information signal;]

[a] decryption means for decrypting [said] encrypted information on said copyright protection received from said information-signal reading apparatus; and

[a] control means for controlling predetermined processing carried out on said main information signal on the basis of said unencrypted information on said copyright protection received from said information-signal reading apparatus, said information on said copyright protection obtained as a result of decryption carried out by said decryption means, and said copy control information.--

--2. (Amended) An information-signal playback system according to claim 1 wherein said information on said copyright protection is media-type information indicating the type of said recording medium.--

--3. (Amended) An information-signal playback system according to claim 1 wherein said encryption means employed in said information-signal reading apparatus encrypts said information on said copyright protection in accordance with a CSS system.--

--13. (Twice Amended) An information-signal reading apparatus for reading out a main information signal and information on copyright protection from a recording medium containing said main information signal and information on at least copyright protection and for supplying said signal and said information to an information-signal processing apparatus, said information-signal reading apparatus comprising:

[a] readout means for reading out said information on said copyright protection

from said recording medium;

[an] encryption means for encrypting said information on said copyright protection read out by said readout means; and

[an] output means for supplying, to said information-signal processing apparatus, said information on said copyright protection as encrypted by said encryption means, [and said unencrypted] same information on said copyright protection in an unencrypted form as received from said information-signal reading apparatus, and said main information signal on which said copy control information is embodied [to said information-signal processing apparatus].--

--20. (Twice Amended) An information-signal processing apparatus for receiving a main information signal, encrypted information on copyright protection and unencrypted information on copyright protection, said information-signal processing apparatus comprising:

output means for supplying, to said information-signal processing apparatus, said information on said copyright protection as encrypted by encryption means, same information on said copyright protection in an unencrypted form as received from said information-signal reading apparatus, and said main information signal on which copy control information is embodied;

[a watermark detecting means for detecting copy control information from said main information signal;]

[a] decryption means for decrypting said encrypted information on said copyright protection; and

[a] control means for controlling predetermined processing carried out on said main information signal on the basis of said unencrypted information on said copyright

protection, information on said copyright protection obtained as a result of decryption carried out by said decryption means and said copy control information.--

--32. (Twice Amended) An information-signal playback method for driving an information-signal reading apparatus to read out a main information signal and information on copyright protection from a recording medium containing said main information signal and information on at least copyright protection and supply said main information signal and said information on said copyright protection to an information-signal processing apparatus, said information-signal playback method comprising the steps of:

driving said information-signal reading apparatus to supply, to said information-signal processing apparatus, said information on copyright protection as encrypted, same information on said copyright protection in an unencrypted form as received from said information-signal reading apparatus, and said main information signal on which copy control information is embodied [encrypted information on copyright protection and unencrypted information on copyright protection and said main information signal on which copy control information is embodied to said information-signal processing apparatus]; and

driving said information-signal processing apparatus to [detect copy control information from said main information signal,] decrypt said encrypted information on said copyright protection received from said information-signal reading apparatus, and control predetermined processing carried out on said main information signal on the basis of said unencrypted information on said copyright protection received from said information-signal reading apparatus, said information on said copyright protection obtained as a result of decryption and said copy control information.--

--33. (Amended) An information-signal playback method according to claim 32 wherein said information on said copyright protection is media-type information indicating the type of said recording medium.--

--34. (Amended) An information-signal playback method according to claim 32 further including the step of encrypting said information on said copyright protection in accordance with a CSS system.--

--44. (Twice Amended) An information-signal reading method for reading out a main information signal and information on copyright protection from a recording medium containing said main information signal and information on at least copyright protection and for supplying said signal and said information to an information-signal processing apparatus, said information-signal reading method comprising the step of supplying, to said information-signal processing apparatus, said information on copyright protection as encrypted, same information on said copyright protection in an unencrypted form as received from said information-signal reading apparatus, and said main information signal on which copy control information is embodied [encrypted information on copyright protection and said unencrypted information on copyright protection and said main information signal on which copy control information is embodied to said information-signal processing apparatus].--

--51. (Twice Amended) An information-signal processing method for receiving a main information signal, encrypted information on copyright protection and unencrypted

information on copyright protection, said information-signal processing method comprising the steps of:

supplying, to said information-signal processing apparatus, said information on copyright protection as encrypted, same information on said copyright protection in an unencrypted form as received from said information-signal reading apparatus, and said main information signal on which copy control information is embodied;

[detecting copy control information from said main information signal;]

decrypting said encrypted information on copyright protection; and

controlling predetermined processing carried out on said main information signal on the basis of said unencrypted information on said copyright protection, decrypted information on said copyright protection and said copy control information.--